

6G6-G



POWER AMPLIFIER PENTODE

Voltage Current O.15 Direct Interelectrode Capacitances (Approx.):° Grid to Plate O.5 Input Output 7.0 Maximum Overall Length Maximum Seated Height Maximum Diameter Bulb Base Pin 1-No Connection Pin 2-Heater Pin 3-Plate Pin 4-Screen Mounting Position Maximum Ratings Are Design-Center Values AMPLIFIER - Pentode Connection Plate Voltage Grid Voltage 135 Screen Voltage 135 Screen Voltage Grid Voltage Teach Office Teach Output Transconductance Load Resistance O.170 O.175 Max. volts AMPLIFIER - Triode Connection Plate Voltage Plate Voltage Plate Pesistance O.170 O.175 Max. volts Typical Operation O.15 Max. volts AMPLIFIER - Triode Connection Plate Resistance O.170 O.175 Max. volts Output One Amplifier: Plate Resistance O.170 O.175 Max. Screen O				
Voltage 6.3 a—c or d—c volts amp. Direct Interelectrode Capacitances (Approx.):° Grid to Plate 0.5 Input 5.5 Input 5.5 Input 7.0 Maximum Overall Length 4—1/8" Maximum Seated Height 3—9/16" Bulb Sase Pin 1—No Connection Pin 2—Heater Pin 3—Plate Pin 4—Screen Mounting Position BOTTOM LEWIG—7S) Maximum Ratings Are Design—Center Values AMPLIFIER — Pentode Connection Plate Voltage 300 max. volts 2.75 max. watts Screen Dissipation 0.75 max. watts Typical Operation and Characteristics— Class A, Amplifier: Plate Voltage 135 180 volts Screen Voltage 135 180 volts Sc	Heater Coated Unipotential Ca	thode		
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Mounting Position BOTTOM VIEWIG-7S) **Maximum Ratings Are Design-Center Values** **AMPLIFIER - Pentode Connection** Plate Voltage 300 max. volts 300 max.	Pin 3-Plate	Pin 8-Cathode		
Mounting Position BOTTOM VIEWIG-7S) **Maximum Ratings Are Design-Center Values** **AMPLIFIER - Pentode Connection** Plate Voltage 300 max. volts 300 max.	Pin 4-Screen Unev (8)			
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APRIL 1, 1944

RCA VICTOR DIVISION RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA



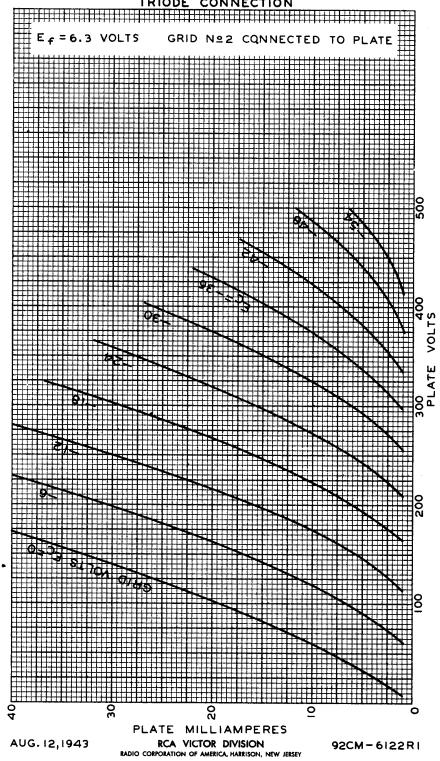


POWER AMPLIFIER PENTODE

(continued from prec	eding page)	
Load Resistance	12000	ohms
Total Harmonic Distortion	5	%
MaxSig. Power Output	0.25	watt
 With no external shield. Under maximum rated conditions, the d-c may be as high as 0.5 megohm with cathode bias. With screen connected to plate. 	resistance in the gr bias or 0.1 megohm	id circuit with fixed







6



6G6-G

AVERAGE PLATE CHARACTERISTICS
PENTODE CONNECTION

